

Product Compliance Declaration

Please see www.molex.com for the most up-to-date information.

Contact Information

Name Molex Product Compliance **E-Mail** Product.Compliance@molex.com

Part Information

Part Number 0015247101 **Part Weight** 2.078643G

Part Name Mini-Fit Header Assy V-0 10Ckt

Product Composition

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Mini-Fit Header Assy V-0 10Ckt	Assembly		100	2.078643
42385-10B0 505268-125	Component		52.871	1.099
PA66 NATURAL	Material		52.871	1.099
PA66	Substance		45.4691	0.94514
Flame Retardant, ISO 1043-4 FR(30)	Substance		6.3445	0.13188
Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	Substance	6683-19-8	0.5287	0.01099
Calcium distearate	Substance	1592-23-0	0.5287	0.01099
PC TAIL POS FEMALE TERM W/SCORE	Component		23.5645	0.489822
Cartridge Brass 70% Unplated	Material		23.1401	0.481
Copper	Substance	7440-50-8	16.1981	0.3367
Zinc (metal)	Substance	7440-66-6	6.942	0.1443
Tin Plating	Material		0.2646	0.0055
Tin	Substance	7440-31-5	0.2646	0.0055

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Limitation of this Product Compliance Declaration: This declaration is based on the state of knowledge and belief of Molex as of the date that it is provided. Molex bases its knowledge and belief on information provided by numerous sources, including third parties, and in certain circumstances laboratory test results. Molex has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and substances. Molex represents that to the best of its knowledge that the information provided in this declaration is accurate. Molex's sole liability shall be to either replace the product or refund the purchase price of the product if it does not meet the requirement of this declaration.

Name	Type	CAS Number	Proportion (% Total)	Mass (Grams)
Nickel Plating	Material		0.1598	0.003322
Nickel	Substance	7440-02-0	0.1598	0.003321
Further Additives, not to declare	Substance	system	2E-05	3E-07
PC TAIL NEG FEMALE TERM W/SCORE	Component		23.5645	0.489822
Cartridge Brass 70% Unplated	Material		23.1401	0.481
Copper	Substance	7440-50-8	16.1981	0.3367
Zinc (metal)	Substance	7440-66-6	6.942	0.1443
Tin Plating	Material		0.2646	0.0055
Tin	Substance	7440-31-5	0.2646	0.0055
Nickel Plating	Material		0.1598	0.003322
Nickel	Substance	7440-02-0	0.1598	0.003321
Further Additives, not to declare	Substance	system	2E-05	3E-07

ROHS Declaration Information

Regulatory Revision EU 2015/863

Compliance Status Compliant

Contained Substances Exceeding Threshold

None

Exemptions

None

REACH-SVHC Declaration Information

Regulatory Revision D(2020)4578-DC (25 June 2020)

Contained Substances Exceeding Threshold

None

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GADSL Declaration Information

Regulatory Revision GADSL imported from IMDS

Contained Substances Exceeding Threshold

Substance Group	Substance Location	Threshold (PPM)	Concentration (PPM)	Intentionally Added
lead	Cartridge Brass 70% (CA260)	*Note	350	Yes
lead		*Note	500	Yes
nickel powder [particle diameter < 1 mm]	Ep-Ni	*Note	997,500	Yes
copper	Cartridge Brass 70% (CA260)	*Note	700,000	Yes

***Note:** For GADSL substance declarable/prohibited threshold values, please reference <http://www.gadsl.org/>

Exemptions

Part Name	Exemption
Cartridge Brass 70% (CA260)	44 Concentration within acceptable GADSL limits
	44 Concentration within acceptable GADSL limits
Ep-Ni	33 Other application (Surface not routinely touched or nickel release rate < 0.5µg/cm2/week)


HFLH Declaration Information

Regulatory Revision IEC 61249-2-21

Contained Substances Exceeding Threshold

None

China ROHS Declaration Information

Part Number 0015247101		Hazardous Substances					
Part Name Mini-Fit Header Assy V-0 10Ckt							
Part Information							
Components		Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE

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Components	Lead	Mercury	Cadmium	Hex. Chromium	PBB	PBDE
Mini-Fit Header Assy V-0 10Ckt	O	O	O	O	O	O
42385-10B0 505268-125	O	O	O	O	O	O
PC TAIL POS FEMALE TERM W/SCORE	O	O	O	O	O	O
PC TAIL NEG FEMALE TERM W/SCORE	O	O	O	O	O	O

Process Information

Component Plating / Surface Finish	MSn-Ni
Termination Base Alloy	Brass
Solder Alloy	N/A
Process Capability	WAVE
Maximum Exposure Time (seconds)	005
Maximum Process Temperature (C)	240
Maximum Cycles at Reflow Temperature	001
J-STD-020 Moisture Sensitivity Level	N/A

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